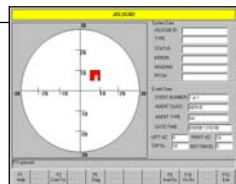


Edgewood Area - Aberdeen Proving Ground, Maryland 21010-5424

U.S. Army Soldier and Biological Chemical Command

Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD)

Description: The JSLSCAD is a state-of-the-art detection system designed to provide U.S. Forces with enhanced capability in detecting chemical warfare agents. It is a lightweight, passive, and fully automatic detection system that scans the surrounding atmosphere for chemical warfare agent vapors. It furnishes on-the-move, 360° coverage from a variety of tactical and reconnaissance platforms at distances up to 5 kilometers. It is a second-generation system that significantly improves on the capabilities of the currently-fielded M21 Remote Sensing Chemical Agent Alarm. The JSLSCAD will provide war fighters with enhanced early warning to avoid chemically-contaminated battle spaces. When avoidance is not possible, the JSLSCAD will give personnel extra time to don Mission Oriented Protective Posture gear.



Mission: Provide standoff detection and warning for nerve, blister, and blood agent vapor clouds.

User: U.S. Army, U.S. Navy, U.S. Air Force, and U.S. Marine Corps.

Capabilities:

- Detects nerve, blister, and blood agent vapor clouds
- Mounts on land, sea, and air platforms
- Provides 360° by 60° on-the-move coverage
- Provides 5 km detection range
- No operator required
- Automatic warning/reporting through JWARN



For additional information, please contact Program Director-Detection, ATTN: AMSSB-PM-RNN-D, Aberdeen Proving Ground, MD 21010-5424. The Program Director can also be contacted by E-mail (pd.detection@sbccom.apgea.army.mil), by telephone at (410) 436-3526 or DSN 584-3526, or by fax to (410) 436-8929.